

SIMPLIFIED METHOD FOR ADJUSTING THE FORCE CLOSING THE FURNACE IN THE DIRECTION OF THE COKE FURNACE GROUP

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Abstract

PURPOSE: To provide a method which can largely reduce the load and man-hour in the operation for adjusting the tying force of the tie rod in the lengthwise direction of the coke furnace group.

CONSTITUTION: A projection 12 is extended on the furnace body side of the back stay 3 at the furnace end opposing to the insertion position for the dish spring of the tie rod in the lengthwise direction to provide the supporter 13 intersecting with the lengthwise tie rod at the rectangle. Another projection 14 is set from the support 13 to the lengthwise tie rod on the back stay side in parallel with the support 13 and a reciprocating mechanism 15 is set between the support 13 and the projection 14 to replace the tying force of the nut for the lengthwise tie rod 4 to the reciprocating mechanism 15 to make the nut 16 free and adjust it to the proper position. Then, the tying force of the lengthwise tie rod is returned from the reciprocating mechanism 15 to the nut 16.

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